

PAT-NO: JP409294631A

DOCUMENT-IDENTIFIER: JP 09294631 A

TITLE: ELECTROMOTIVE TOOTHBRUSH EXCLUSIVE  
FOR NECK PART

PUBN-DATE: November 18, 1997

INVENTOR-INFORMATION:

NAME

KOCHI, TAKUMI

ASSIGNEE-INFORMATION:

NAME

KOCHI TAKUMI

COUNTRY

N/A

APPL-NO: JP08130547

APPL-DATE: April 30, 1996

INT-CL (IPC): A46B009/04, A46B013/02 , A61C017/22 ,  
A61C017/00

ABSTRACT:

PROBLEM TO BE SOLVED: To introduce the tip parts of synthetic fiber bundles into a gum pocket to clean the gum pocket by implanting synthetic fibers in a rotary member so as to inwardly incline them from a base part to form the same so as to match with the height and size of an inner crown.

SOLUTION: Fiber implanting small inclined holes 2c are formed to the surface of a rotary member on the respective inside and outside same circumferences of a circle at an equal interval and the tip parts of synthetic fiber bundles 5 are obliquely implanted in the inclined holes 2c so as to

be provided in the holes 2c. When the fiber lengths of the obliquely implanted synthetic fiber bundles are formed on two inner and outer concentric circles, the fiber length is long on the outermost peripheral side and formed shortly in a successively taper shape toward the innermost periphery and the tips of the synthetic fiber bundles 5 formed into a shape coming into contact with the side surface of a support tooth 3 having a truncated cone-shaped cross section. It is important to form the synthetic fiber bundles 5 into a shape matched with the height and size of an inner crown or the support tooth 3. When the synthetic fiber bundles 5 are deformed along the surface of the inner crown or the side surface of the support tooth 3 when pressed from above at a time of use and the tips thereof enter a gum pocket to efficiently clean the gum pocket.

COPYRIGHT: (C)1997,JPO